

Attorney Docket No.: UNI-0001 (032771-002)

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NOV 15 2007

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A system for providing PBX-integrated unified messaging services including voice messaging, fax messaging, and e-mail messaging on a wide-area network, comprising:  
  
one or more corporate communication platforms, each of said one or more corporate communication platforms coupled to a switched backbone, integrated with a PBX via a PBX interface, and comprising a slave message mailbox cache; and  
  
a plurality of system communication platforms coupled to said switched backbone, wherein one such system communication platform comprises a master communication platform configured to update a subscriber database in each of said plurality of system communication platforms to reflect changes to said a global subscriber database when said master communication platform determines said global subscriber database has changed, and wherein one such system communication platform comprises a master message mailbox, each of said slave message mailbox cache and said master message mailbox configured to store a plurality of message types, said message types comprising email, voicemail, and fax, wherein said slave message mailbox cache is bi-directionally synchronized in real-time with said master message mailbox such that each change to said slave message mailbox cache is reported immediately to said one such system communication platform, each change to a message in said master message mailbox that is associated with a corporate communication platform comprising said slave message mailbox cache is reported immediately to said corporate communication platform comprising said slave message mailbox cache, and each change to a message in said master message mailbox that is not associated with said corporate communication

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platform comprising said slave message mailbox cache is not reported to the corporate communication platform comprising said slave message mailbox cache, each of said one or more corporate communication platforms assigned to one of said plurality of system communication platforms, each of said plurality of system communication platforms assigned to zero or more of said one or more corporate communication platforms.

2. (Original) The system of claim 1, wherein said switched backbone is the Internet.
3. (Original) The system of claim 1, wherein said PBX interface is managed and controlled through program control, said program control established by using modules that make API calls to a programming interface, wherein said corporate communication platform can deliver a message to and receive a message from extensions defined within said PBX.
4. (Original) The system of claim 2, wherein said PBX interface is managed and controlled through program control, said program control established by using modules that make API calls to a programming interface, wherein said corporate communication platform can deliver a message to and receive a message from extensions defined within said PBX.
5. (Previously Presented) The system of claim 1, wherein said corporate communication platform can command said PBX to activate a message waiting light on a PBX user's voice terminal equipment when a message for said PBX user is transmitted from said master message mailbox to said slave mailbox cache.

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6. (Previously Presented) The system of claim 2, wherein said corporate communication platform can command said PBX to activate a message waiting light on a PBX user's voice terminal equipment when a message for said PBX user is transmitted from said master message mailbox to said slave mailbox cache.
7. (Previously Presented) The system of claim 3, wherein said corporate communication platform can command said PBX to activate a message waiting light on a PBX user's voice terminal equipment when a message for said PBX user is transmitted from said master message mailbox to said slave mailbox cache.
8. (Previously Presented) The system of claim 4, wherein said corporate communication platform can command said PBX to activate a message waiting light on a PBX user's voice terminal equipment when a message for said PBX user is transmitted from said master message mailbox to said slave mailbox cache.
9. (Withdrawn) A method of providing unified messaging to an individual subscriber, comprising:  
assigning a DID number serviced by a system communication platform to said individual subscriber;  
forwarding one or more phone numbers associated with said individual subscriber to said DID number; and  
configuring said system communication platform to store a first message received via said DID number into a network message mailbox associated with said system communication platform, and to forward said first message to a local message mailbox

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cache associated with a corporate communication platform coupled to a private branch exchange apparatus, wherein said corporate communication platform and said private branch exchange apparatus are located at the premises of a corporate subscriber affiliated with said individual subscriber.

10. (Withdrawn) An apparatus for providing unified messaging to an individual subscriber, comprising:  
a system communication platform configured to service a DID number assigned to said individual subscriber, to store a first message received via said DID number into a network message mailbox associated with said system communication platform, and to forward said first message to a local message mailbox cache associated with a corporate communication platform coupled to a private branch exchange apparatus, wherein said corporate communication platform and said private branch exchange apparatus are located at the premises of a corporate subscriber affiliated with said individual subscriber.
11. (Withdrawn) The apparatus of claim 10, wherein said unified messaging includes voice messaging.
12. (Withdrawn) The apparatus of claim 10, wherein said unified messaging includes voice messaging and fax messaging.
13. (Withdrawn) The apparatus of claim 10, wherein said unified messaging includes voice messaging and e-mail messaging.

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14. (Withdrawn) The apparatus of claim 10, wherein said unified messaging includes voice messaging, fax messaging, and e-mail messaging.
15. (Withdrawn) The apparatus of claim 10, wherein said unified messaging includes fax messaging and e-mail messaging.
16. (Withdrawn) The method of claim 9, further comprising:  
configuring said corporate communication platform to command said private branch exchange apparatus to activate the message waiting light of said individual subscriber when said first message is forwarded to said local message mailbox cache associated with said corporate communication platform.
17. (Withdrawn) An apparatus for providing unified messaging to an individual subscriber, comprising:  
a system communication platform configured to service two or more DID numbers assigned to said individual subscriber, to store a first message received via any one of said DID numbers into a network message mailbox associated with said system communication platform, and to forward said first message to a local message mailbox cache associated with a corporate communication platform coupled to a private branch exchange apparatus, wherein said corporate communication platform and said private branch exchange apparatus are located at the premises of a corporate subscriber affiliated with said individual subscriber.

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18. (Withdrawn) The apparatus of claim 17, wherein said unified messaging includes voice messaging.
19. (Withdrawn) The apparatus of claim 17, wherein said unified messaging includes voice messaging and fax messaging.
20. (Withdrawn) The apparatus of claim 17, wherein said unified messaging includes voice messaging and e-mail messaging.
21. (Withdrawn) The apparatus of claim 17, wherein said unified messaging includes voice messaging, fax messaging, and e-mail messaging.
22. (Withdrawn) The apparatus of claim 17, wherein said unified messaging includes fax messaging and e-mail messaging.
23. (Withdrawn) A method of providing unified messaging to an individual subscriber, comprising:  
assigning two or more DID numbers serviced by a system communication platform to said individual subscriber;  
forwarding one or more phone numbers associated with said individual subscriber to one of said DID numbers; and  
configuring said system communication platform to store a first message received via each of said DID numbers into a network message mailbox associated with said system communication platform, and to forward said first message to a local message mailbox

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cache associated with a corporate communication platform coupled to a private branch exchange apparatus, wherein said corporate communication platform and said private branch exchange apparatus are located at the premises of a corporate subscriber affiliated with said individual subscriber.

24. (Withdrawn) The method of claim 23, further comprising:

configuring said corporate communication platform to command said private branch exchange apparatus to activate the message waiting light of said individual subscriber when said first message is forwarded to said local message mailbox cache associated with said corporate communication platform.

25. (Currently Amended) An apparatus for providing PBX-integrated unified messaging services including voice messaging, fax messaging, and e-mail messaging on a wide-area network, comprising:

one or more corporate communication platforms, each of said one or more corporate communication platforms coupled to a switched backbone, integrated with a PBX via a PBX interface, and comprising a slave message mailbox cache, wherein said slave message mailbox cache is bi-directionally synchronized in real-time with a master message mailbox accessible via said switched backbone such that each change to said slave message mailbox cache is reported immediately to a system communication platform comprising said master message mailbox, each change to a message in said master message mailbox that is associated with a corporate communication platform comprising said slave message mailbox cache is reported immediately to said corporate communication platform comprising said slave message mailbox cache, and each

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change to a message in said master message mailbox that is not associated with said corporate communication platform comprising said slave message mailbox cache is not reported to the corporate communication platform comprising said slave message mailbox cache, each of said one or more corporate communication platforms assigned to one of a plurality of system communication platforms, each of said plurality of system communication platforms assigned to zero or more of said one or more corporate communication platforms, wherein one such system communication platform comprises a master communication platform configured to update a subscriber database in each of said plurality of system communication platforms to reflect changes to said global subscriber database when said master communication platform determines said a global subscriber database has changed, and each of said slave message mailbox cache and said master message mailbox configured to store a plurality of message types, said message types comprising email, voicemail, and fax.

26. (Original) The apparatus of claim 25, wherein said switched backbone is the Internet.
27. (Original) The apparatus of claim 25, wherein said PBX interface is managed and controlled through program control, said program control established by using modules that make API calls to a programming interface, wherein said corporate communication platform can deliver a message to and receive a message from extensions defined within said PBX.
28. (Original) The apparatus of claim 26, wherein said PBX interface is managed and controlled through program control, said program control established by using modules that make API



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calls to a programming interface, wherein said corporate communication platform can deliver a message to and receive a message from extensions defined within said PBX.

29. (Previously Presented) The apparatus of claim 25, wherein said corporate communication platform can command said PBX to activate a message waiting light on a PBX user's voice terminal equipment when a message for said PBX user is transmitted from said master message mailbox to said slave mailbox cache.
30. (Previously Presented) The apparatus of claim 26, wherein said corporate communication platform can command said PBX to activate a message waiting light on a PBX user's voice terminal equipment when a message for said PBX user is transmitted from said master message mailbox to said slave mailbox cache.
31. (Previously Presented) The apparatus of claim 27, wherein said corporate communication platform can command said PBX to activate a message waiting light on a PBX user's voice terminal equipment when a message for said PBX user is transmitted from said master message mailbox to said slave mailbox cache.
32. (Previously Presented) The apparatus of claim 28, wherein said corporate communication platform can command said PBX to activate a message waiting light on a PBX user's voice terminal equipment when a message for said PBX user is transmitted from said master message mailbox to said slave mailbox cache.

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33. (Currently Amended) A method of providing PBX-integrated unified messaging services including voice messaging, fax messaging, and e-mail messaging to one or more individual subscribers associated with a corporate subscriber, comprising:
- integrating a corporate communication platform with said corporate subscriber's PBX system via a PBX interface;
- coupling said corporate communication platform to a switched backbone and assigning a network identifier to said corporate communication platform;
- assigning said corporate communication platform to be serviced by a system communication platform accessible via said switched backbone, wherein said corporate communication platform comprises a slave message mailbox cache bi-directionally synchronized in real-time with a master message mailbox on said system communication platform such that each change to said slave message mailbox cache is reported immediately to said system communication platform, each change to a message in said master message mailbox that is associated with said corporate communication platform comprising said slave message mailbox cache is reported immediately to said corporate communication platform, and each change to a message in said master message mailbox that are not associated with said corporate communication platform comprising said slave message mailbox cache is not reported to said corporate communication platform comprising said slave message mailbox cache, said corporate communication platform assigned to one of a plurality of system communication platforms, said system communication platform assigned to zero or more corporate communication platforms, wherein one such system communication platform comprises a master communication platform configured to update a subscriber database in each of said plurality of system communication platforms to reflect changes to said global subscriber database when

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said master communication platform determines said a global subscriber database has changed, each of said slave message mailbox cache and said master message mailbox configured to store a plurality of message types, said message types comprising email, voicemail, and fax;

initializing a network mailbox on said system communication platform for each said individual subscribers; and

transmitting copies of all messages received at said system communication platform that correspond to each of said individual subscribers to said corporate communication platform.

34. (Original) The method of claim 33, wherein said switched backbone is the Internet.
35. (Original) The method of claim 33, wherein said PBX interface is managed and controlled through program control, said program control established by using modules that make API calls to a programming interface, wherein said corporate communication platform can deliver a message to and receive a message from extensions defined within said PBX.
36. (Original) The method of claim 34, wherein said PBX interface is managed and controlled through program control, said program control established by using modules that make API calls to a programming interface, wherein said corporate communication platform can deliver a message to and receive a message from extensions defined within said PBX.
37. (Previously Presented) The method of claim 33, wherein said corporate communication platform can command said PBX to activate a message waiting light on a PBX user's voice

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terminal equipment when a message for said PBX user is transmitted from said master message mailbox to said slave mailbox cache.

38. (Previously Presented) The method of claim 34, wherein said corporate communication platform can command said PBX to activate a message waiting light on a PBX user's voice terminal equipment when a message for said PBX user is transmitted from said master message mailbox to said slave mailbox cache.

39. (Previously Presented) The method of claim 35, wherein said corporate communication platform can command said PBX to activate a message waiting light on a PBX user's voice terminal equipment when a message for said PBX user is transmitted from said master message mailbox to said slave mailbox cache.

40. (Previously Presented) The method of claim 36, wherein said corporate communication platform can command said PBX to activate a message waiting light on a PBX user's voice terminal equipment when a message for said PBX user is transmitted from said master message mailbox to said slave mailbox cache.

41-45. (Cancelled)

46. (Previously Presented) The system of claim 2, wherein said PBX is selected from a group consisting of analog PBXs, digital PBXs, Centrex PBXs and Internet Protocol ("IP") PBXs.

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47. (Previously Presented) The system of claim 3, wherein said PBX is selected from a group consisting of analog PBXs, digital PBXs, Centrex PBXs and Internet Protocol ("IP") PBXs.
48. (Previously Presented) The system of claim 4, wherein said PBX is selected from a group consisting of analog PBXs, digital PBXs, Centrex PBXs and Internet Protocol ("IP") PBXs.
49. (Previously Presented) The system of claim 5, wherein said PBX is selected from a group consisting of analog PBXs, digital PBXs, Centrex PBXs and Internet Protocol ("IP") PBXs.
50. (Previously Presented) The system of claim 6, wherein said PBX is selected from a group consisting of analog PBXs, digital PBXs, Centrex PBXs and Internet Protocol ("IP") PBXs.
51. (Previously Presented) The system of claim 7, wherein said PBX is selected from a group consisting of analog PBXs, digital PBXs, Centrex PBXs and Internet Protocol ("IP") PBXs.
52. (Previously Presented) The system of claim 8, wherein said PBX is selected from a group consisting of analog PBXs, digital PBXs, Centrex PBXs and Internet Protocol ("IP") PBXs.
53. (Previously Presented) The apparatus of claim 25, wherein said PBX is selected from a group consisting of analog PBXs, digital PBXs, Centrex PBXs and Internet Protocol ("IP") PBXs.

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54. (Previously Presented) The apparatus of claim 26, wherein said PBX is selected from a group consisting of analog PBXs, digital PBXs, Centrex PBXs and Internet Protocol ("IP") PBXs.
55. (Previously Presented) The apparatus of claim 27, wherein said PBX is selected from a group consisting of analog PBXs, digital PBXs, Centrex PBXs and Internet Protocol ("IP") PBXs.
56. (Previously Presented) The apparatus of claim 28, wherein said PBX is selected from a group consisting of analog PBXs, digital PBXs, Centrex PBXs and Internet Protocol ("IP") PBXs.
57. (Previously Presented) The apparatus of claim 29, wherein said PBX is selected from a group consisting of analog PBXs, digital PBXs, Centrex PBXs and Internet Protocol ("IP") PBXs.
58. (Previously Presented) The apparatus of claim 30, wherein said PBX is selected from a group consisting of analog PBXs, digital PBXs, Centrex PBXs and Internet Protocol ("IP") PBXs.
59. (Previously Presented) The apparatus of claim 31, wherein said PBX is selected from a group consisting of analog PBXs, digital PBXs, Centrex PBXs and Internet Protocol ("IP") PBXs.

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60. (Previously Presented) The apparatus of claim 32, wherein said PBX is selected from a group consisting of analog PBXs, digital PBXs, Centrex PBXs and Internet Protocol ("IP") PBXs.
61. (Previously Presented) The method of claim 33, wherein said PBX is selected from a group consisting of analog PBXs, digital PBXs, Centrex PBXs and Internet Protocol ("IP") PBXs.
62. (Previously Presented) The method of claim 34, wherein said PBX is selected from a group consisting of analog PBXs, digital PBXs, Centrex PBXs and Internet Protocol ("IP") PBXs.
63. (Previously Presented) The method of claim 35, wherein said PBX is selected from a group consisting of analog PBXs, digital PBXs, Centrex PBXs and Internet Protocol ("IP") PBXs.
64. (Previously Presented) The method of claim 36, wherein said PBX is selected from a group consisting of analog PBXs, digital PBXs, Centrex PBXs and Internet Protocol ("IP") PBXs.
65. (Previously Presented) The method of claim 37, wherein said PBX is selected from a group consisting of analog PBXs, digital PBXs, Centrex PBXs and Internet Protocol ("IP") PBXs.
66. (Previously Presented) The method of claim 38, wherein said PBX is selected from a group consisting of analog PBXs, digital PBXs, Centrex PBXs and Internet Protocol ("IP") PBXs.
67. (Previously Presented) The method of claim 39, wherein said PBX is selected from a group consisting of analog PBXs, digital PBXs, Centrex PBXs and Internet Protocol ("IP") PBXs.

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68. (Previously Presented) The method of claim 40, wherein said PBX is selected from a group consisting of analog PBXs, digital PBXs, Centrex PBXs and Internet Protocol ("IP") PBXs.
69. (Previously Presented) The system of claim 1, wherein said PBX is selected from a group consisting of analog PBXs, digital PBXs, Centrex PBXs and Internet Protocol ("IP") PBXs.
70. (Currently Amended) An apparatus of providing PBX-integrated unified messaging services including voice messaging, fax messaging, and e-mail messaging to one or more individual subscribers associated with a corporate subscriber, comprising:
- means for integrating a corporate communication platform with said corporate subscriber's PBX system via a PBX interface;
  - means for coupling said corporate communication platform to a switched backbone and assigning a network identifier to said corporate communication platform;
  - means for assigning said corporate communication platform to be serviced by a system communication platform accessible via said switched backbone, wherein said corporate communication platform comprises a slave message mailbox cache bi-directionally synchronized in real-time with a master message mailbox on said system communication platform such that each change to said slave message mailbox cache is reported immediately to said system communication platform, each change to a message in said master message mailbox that is associated with said corporate communication platform comprising said slave message mailbox cache is reported immediately to said corporate communication platform, and each change to a message in said master message mailbox that are not associated with said corporate communication platform



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comprising said slave message mailbox cache is not reported to said corporate communication platform comprising said slave message mailbox cache, said corporate communication platform assigned to one of a plurality of system communication platforms, said system communication platform assigned to zero or more corporate communication platforms, wherein one such system communication platform comprises a master communication platform configured to update a subscriber database in each of said plurality of system communication platforms to reflect changes to said global subscriber database when said master communication platform determines said a global subscriber database has changed, each of said slave message mailbox cache and said master message mailbox configured to store a plurality of message types, said message types comprising email, voicemail, and fax;

means for initializing a network mailbox on said system communication platform for each said individual subscribers; and

means for transmitting copies of all messages received at said system communication platform that correspond to each of said individual subscribers to said corporate communication platform.

71. (Previously Presented) The apparatus of claim 70, wherein said switched backbone is the Internet.

72. (Previously Presented) The apparatus of claim 70, wherein said PBX interface is managed and controlled through program control, said program control established by using modules that make API calls to a programming interface, wherein said corporate communication

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platform can deliver a message to and receive a message from extensions defined within said PBX.

73. (Previously Presented) The apparatus of claim 71, wherein said PBX interface is managed and controlled through program control, said program control established by using modules that make API calls to a programming interface, wherein said corporate communication platform can deliver a message to and receive a message from extensions defined within said PBX.
74. (Previously Presented) The apparatus of claim 70, wherein said corporate communication platform further comprises means for commanding said PBX to activate a message waiting light on a PBX user's voice terminal equipment when a message for said PBX user is transmitted from said master message mailbox to said slave mailbox cache.
75. (Previously Presented) The apparatus of claim 71, wherein said corporate communication platform further comprises means for commanding said PBX to activate a message waiting light on a PBX user's voice terminal equipment when a message for said PBX user is transmitted from said master message mailbox to said slave mailbox cache.
76. (Previously Presented) The apparatus of claim 72, wherein said corporate communication platform further comprises means for commanding said PBX to activate a message waiting light on a PBX user's voice terminal equipment when a message for said PBX user is transmitted from said master message mailbox to said slave mailbox cache.

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77. (Previously Presented) The apparatus of claim 73, wherein said corporate communication platform further comprises means for commanding said PBX to activate a message waiting light on a PBX user's voice terminal equipment when a message for said PBX user is transmitted from said master message mailbox to said slave mailbox cache.
78. (Previously Presented) The apparatus of claim 71, wherein said PBX is selected from a group consisting of analog PBXs, digital PBXs, Centrex PBXs and Internet Protocol ("IP") PBXs.
79. (Previously Presented) The apparatus of claim 72, wherein said PBX is selected from a group consisting of analog PBXs, digital PBXs, Centrex PBXs and Internet Protocol ("IP") PBXs.
80. (Previously Presented) The apparatus of claim 73, wherein said PBX is selected from a group consisting of analog PBXs, digital PBXs, Centrex PBXs and Internet Protocol ("IP") PBXs.
81. (Previously Presented) The apparatus of claim 74, wherein said PBX is selected from a group consisting of analog PBXs, digital PBXs, Centrex PBXs and Internet Protocol ("IP") PBXs.
82. (Previously Presented) The apparatus of claim 75, wherein said PBX is selected from a group consisting of analog PBXs, digital PBXs, Centrex PBXs and Internet Protocol ("IP") PBXs.

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83. (Previously Presented) The apparatus of claim 76, wherein said PBX is selected from a group consisting of analog PBXs, digital PBXs, Centrex PBXs and Internet Protocol ("IP") PBXs.

84. (Previously Presented) The apparatus of claim 77, wherein said PBX is selected from a group consisting of analog PBXs, digital PBXs, Centrex PBXs and Internet Protocol ("IP") PBXs.